

SYSTEM AND METHOD FOR AUDIO-VISUAL CONTENT SYNTHESIS**ABSTRACT OF THE DISCLOSURE**

[0090] A system and method is provided for synthesizing audio-visual content in a video image processor. A content synthesis application processor extracts audio features and video features from audio-visual input signals that represent a speaker who is speaking. The processor uses the extracted visual features to create a computer generated animated version of the face of the speaker. The processor synchronizes facial movements of the animated version of the face of the speaker with a plurality of audio logical units such as phonemes that represent the speaker's speech. In this manner the processor synthesizes an audio-visual representation of the speaker's face that is properly synchronized with the speaker's speech.